

## 2 Major Parties Lose Ground In Austria as Rightists Gain

### LATE NEWS

#### Barcelonia to Sell Pretoria Bank

JOHANNESBURG (Reuters) — Barclays Bank of Britain, which has been under pressure from anti-apartheid groups, is selling its interest in South Africa to the Anglo-American Mining Corp., informed sources said Sunday evening. They said the sale would be announced here Monday.

The British bank owns 40.4 percent of Barclays Bank South Africa, the country's second largest commercial bank. Anglo-American is the second largest shareholder in Barclays Bank South Africa with 25 percent of its stock.

**Israeli Jets Raid Iran**  
BAHRAIN (Reuters) — Both sides in the Gulf war reported heavy Israeli air raids Sunday on towns 300 miles (480 kilometers) southwest of Tehran, hours after Iran fired a ground-to-ground missile at Baghdad.

### SPECIAL TODAY

**A GLOBAL REVOLUTION**  
Along with financial deregulation has come an information services revolution, leading to an integrated global market. The Eurocrisis, Pages 9-12.



After the Basel leaks, another toxic chemical spill, this one near Ludwigshafen, has added to Rhine pollution. Page 7.

### GENERAL NEWS

Conversation analysis explores what really happens when people talk. Page 3.

### SPORTS

In Michigan edged Ohio State and won the Rose Bowl; Oklahoma gained an Orange Bowl spot. Page 18.

### BUSINESS/FINANCE

The SEC defended its action in allowing Ivan Boesky's huge stock sell-off before his insider-trading settlement. Page 13.

By John Tagliabue  
New York Times Service

VIENNA — Austria's two largest parties, the governing Socialists and the opposition Austrian People's Party, suffered heavy losses in national elections Sunday as a wave of protest votes swung to the rightist Freedom Party and the environmentalist Greens.

The Socialists' Party of Chancellor Franz Vranitzky, despite heavy losses in working class areas of Vienna and Styria, retained its position as the strongest parliamentary group, making it likely that his party would enter a grand coalition with the conservative People's Party.

But the real winner, expected to be Jörg Haider, a rightist nationalist whose Freedom Party almost doubled its share of the popular vote.

Reforming preliminary results, Interior Minister Karl Blesch said that the Freedom Party won 9.7 percent of the vote, up from 4.9 percent in the last election in 1983.

Under complex voting statutes, the party will have 18 deputies in the 183-seat National Assembly, a gain of six.

The Socialists suffered the heaviest drop, dropping to 43.3 percent of the vote from 47.6 percent, or 90 seats, a loss of 10; the People's

Party went to 41.2 percent from 43.2 percent, or 76 seats, a loss of 5; and the Greens received 4.6 percent, according to them 9 seats.

It was the first time the Greens have sent deputies to parliament and the first time a fourth party has entered the legislature since the Communist Party was voted out in 1955.

The election came at a time of economic fragility, because of sluggish growth and huge losses in national industries, and an ill-defined national unease over the consequences of the election in June of Kurt Waldheim as president. Waldheim's alleged role in Hitler's army.

The contest began in September, when Mr. Vranitzky abruptly ended a three-year partnership with the Freedom Party, protesting the rightward turn that he said Mr. Haider's election as party leader represented.

Mr. Vranitzky, a former banker and finance minister who became chancellor in June, persuaded his party to espouse budget austerity, tax reform and privatization of state-owned industries.

He also pitted his popularity against the blandness of his chief opponent, Alois Mock, leader of the People's Party.



Rafael M. Ito, with his wife, being sworn in as defense minister by Corazon Aquino.

## Aquino Replaces Enrile in Cabinet As Ramos Moves To Prevent Coup

By Seth Meydans  
New York Times Service

MANILA — President Corazon C. Aquino accepted the resignation Sunday of her rebellious defense minister, Juan Ponce Enrile, and appointed his deputy, Rafael M. Ito, to replace him.

In a televised address that followed threats of a military move by troops loyal to Mr. Enrile, Mrs. Aquino said she had asked for the resignations of all her cabinet ministers and that she had accepted that of Mr. Enrile.

Mrs. Aquino acted after Enrile threatened to lead a rebellion against her government and to overthrow the National Assembly building and declare a rebel government.

They called off their plan after General Fidel V. Ramos, the chief of staff, ordered military units not to obey orders from the Defense Ministry, military sources said.

"General Ramos has taken preventive measures against the reckless actions of some elements in the military," Mrs. Aquino said in her address. "I hereby give notice to all of those who may be inclined to exploit the present situation that the sternest measures will be taken against them if they try."

Her address followed a 25-minute meeting with Mr. Enrile, whose supporters have demanded the dismissal of certain cabinet members and a tougher stand on the Communist insurgency.

Source close to Mr. Enrile said he was also demanding that Mrs. Aquino reconvene the National Assembly, revert to the 1973 constitution that she abolished in March and call for new presidential elections.

In her address Sunday, Mrs. Aquino said: "I have directed all cabinet members to give me their resignations. Those who do not do so I shall nonetheless consider to have resigned."

"This will give the government a chance to start all over again," she said.

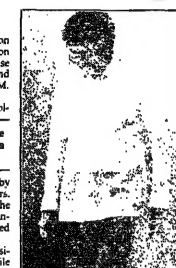
Mr. Ito, a retired army forces deputy chief of staff, is a highly respected officer who is on good terms with both the president and Mr. Enrile. After her address, Mrs. Aquino swore in Mr. Ito on television.

Mrs. Aquino convened an emergency cabinet meeting at 8 A.M. sources at the presidential palace said. General Ramos was reported to have attended the meeting, which continued into the afternoon.

Mr. Enrile and Vice President Salvador H. Laurel, who has supported some of Mr. Enrile's positions, were said to have been absent. After the cabinet meeting, Mrs. Aquino met with Mr. Enrile.

"Things have been temporarily settled," Mrs. Aquino said.

See MANILA, Page 6



Juan Ponce Enrile after his removal Sunday from President Aquino's cabinet.

## Reagan Reported Pressed to Remove 3 Key Advisers

### Egypt, Jordan Criticize U.S.

By David Hoffman  
New York Times Service

WASHINGTON — A group of longtime California supporters of President Ronald Reagan is seeking a cabinet and White House staff shake-up in the aftermath of the administration's secret arms dealings with Iran, according to sources.

The advisers were described as responsive to what one of them called "the worst blow in the president's political career."

The sources said Sunday that the group of influential friends was working with the encouragement of Nancy Reagan, who has privately been highly critical of the White

### Shultz, Regan and Poindexter Are Targets

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## Saudis Said to Send Oil to Iran via U.S. Shippers

By Jeff Gerth  
New York Times Service

WASHINGTON — Within the last few months, large shipments of fuel refined in Saudi Arabia have been transported by commercial American shippers across the Gulf to Iran, which urgently needs the fuel for its war with Iraq, according to oil traders and oil experts.

These movements, which experts doubted would have occurred without the approval of the various governments, illustrate how oil has become a key issue in the secret diplomacy with Iran.

According to administration officials and sources close to the Saudis, Saudi Arabia was both aware of the American talks with Iran and engaged simultaneously in its own negotiations with Iran.

### RELATED ARTICLES

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**James Reston** and George F. Will argue that President Reagan's Saudi Arabia needs a change of top aides. Opinion, Pages 4-5.

**Libya** gave secret gas warheads to Iran and Syria, it was reported in Britain. Page 2.

### Iran's Islamic fundamentalism

across the Gulf. Saudi Arabia has also supported Iran and its allies financially.

Oil experts said that although there had been previous shipments to Iran from Saudi Arabia, the recent shipments were much larger and also, for the first time, involved American traders.

The identity of the traders is not known. These sources also said it was significant that some of the crude oil being refined in Saudi Arabia was coming from Iran.

While the Saudi Arabians were permitting these shipments, they announced last month that they were temporarily shutting a pipeline used by Iran to export oil.

Iran has a shortage of refined petroleum products because of extensive damage inflicted by Iraqi air attacks on its Kharg Island refinery.

A result of the Saudi-Iranian discussions, according to American and Saudi sources, has been their recent alliance within the Organization of Petroleum Exporting Countries to limit production and support the price of oil at around \$18 a barrel. That process, in turn, produced the dismissal of the Saudi oil minister, Ahmed Zaki Yamani, a driving force behind OPEC policy since the early 1970s, these experts say.

Private and government oil exporters say the Saudi-Iranian agreement on oil-pricing stability could, at least temporarily, with United States interests.

John H. Lichtblau, executive director of the American Petroleum Institute, said.

See OIL, Page 6

## A Deepening Stain on the Reagan Record, Doubts About the Final 2 Years

By Bernard Gwertzman  
New York Times Service

WASHINGTON — At a dinner for Senate Republicans on Monday, President Ronald Reagan cracked a joke. "I'm glad to be out of Iran," he said.

But it is not proving that easy for Mr. Reagan to put Iran behind him. Despite a nationally broadcast speech Nov. 13 and a news conference Wednesday, he has seemed unable to convince politicians or the public that secret selling arms to Iran, which apparently led to the release of American hostages in Lebanon, was wise or correct.

Indignation and amazement over the policy have threatened to make it the most serious blot on

Mr. Reagan's record during two terms in office.

And the stain keeps spreading. The disclosures about the sale of \$12 million worth of weapons to Iran raise issues beyond the question of whether such transactions were a mistake.

**NEWS ANALYSIS**  
take when there was a well-established policy against providing arms to Iran, as well as an administration effort to persuade other countries to refrain from doing so.

Still, the president stuck to his decision. "As Mr. Lincoln said of another presidential decision," Mr. Reagan declared, "if it turns out wrong, I'm damned. If it turns out right, I'm damned. I was right with me no difference."

The tension and controversy over Iran are raising issues that cut close to the heart of this administration. Questions are being asked about its ability to more than run a caretaker government for the remaining two years of Mr. Reagan's term, especially with the Democrats taking control of the Senate in January.

There was also doubt about the role of Secretary of State George P. Shultz, who had always been seen as Mr. Reagan's strongest adviser on foreign

affairs. Mr. Shultz was reported to have been opposed to the Iran arms sales, but also either isolated from or indifferent to what was happening in the operation. After raising the possibility of resignation, Mr. Shultz seemed satisfied that Mr. Reagan, after first defending his policy as "correct," announced that no more arms would be sold to Iran.

But behind the scenes Mr. Shultz was also trying to set guidelines that would re-establish his primacy in foreign affairs and restore his reputation as a man whose word can be taken as a reflection of White House policy. He had to admit on Nov. 16 that he opposed the arms sales but was unable to say if he spoke for the administration. This was an indignity felt deeply by many in Washington's foreign policy establishment.

There was considerable speculation that a shake-up was inevitable in the foreign policy apparatus. If Mr. Shultz remained, there was some doubt whether Vice Admiral John M. Poindexter, the national security adviser, could also stay. There is disagreement over whether Admiral Poindexter kept the operational details secret from Mr. Shultz, which might make it difficult for them to cooperate.

So far, despite his reputation as the Great Communicator, the president appears to have misjudged the impact of his policy, which is being attacked as evidence of hypocrisy at very high levels. His critics, and some supporters, believe the president compounded his problem in two exceptional poor public appearances that left many questions unanswered.

## Quietly, Pretoria Again Relocates Blacks

By Alan Cowell  
New York Times Service

KWANOBULHE, South Africa — South Africa's white rulers seem to have moved a policy of relocating blacks from one place to another, despite earlier promises that the practice had been stopped, according to civil-rights activists and those affected by the policy.

Some activists say the authorities have used the state of emergency imposed on June 12, not only to fulfill its avowed goal of combating unrest and violence but also to force the uprooting of blacks not known for violent protest by detaining black community leaders opposed to removals.

In at least five separate areas in different parts of the country, tens of thousands of blacks have been moved to new, undesirable places or face the threat of such action, contrary to a government

pledge last year that forced removals would cease.

One of the areas of the action are evident in the blackness of this place.

The small, sad stories seem to add up to a wider design intended to clear up the anomalies of apartheid.

On Tuesday, an incident was reported in which a group of people led by George Mthembu, a man whose story of uprootings and loss was reported in the newspaper, moved to a new place in this divided land.

Mr. Mthembu, 58, a pensioner, said he had worked on eastern Cape Province farms for much of his life. But in 1982, drought took his job away, and he moved to the

squatter camp outside Uitenhage called Lange.

There, he settled in a shack made of tin, close by segregated white

areas, to work as a handyman. Earlier this year, he said, the police and other officials began to tear the place with bulldozers, saying the migrants would have to move. As did others, when the leaders of resistance groups opposing the move were detained, he said, he pulled down his house and loaded it onto a truck supplied by the government to make the latest in a series of moves he had not chosen.

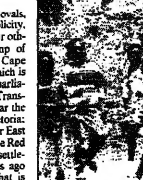
"If I could have stayed," he said in an interview outside his home, "I would have. But I could not, so I am here."

The newest wave of removals, which has received little publicity, affects Lange and at least four other places: the squatter camp of Lawasim outside the Cape Province town of George, which is President P. W. Botha's parliamentary constituency; the Transvaal township of Oudtshoorn, near the town of Brits, north of Pretoria; Duncan Village township near East London; and a place called the Red Location, a tumbledown settlement of homes built decades ago by British troops within what is now the Black township of New Brighton, outside Port Elizabeth.

Church groups have estimated that over the last 25 years 3.5 million

children have been removed from their homes by the government or are threatened with relocation.

See MOVE, Page 6



Children playing recently at the township of Oudtshoorn, north of Pretoria, one of the areas from which blacks are being relocated by the government or are threatened with relocation.

See MOVE, Page 6

### India to Seek \$3 Billion Over Bhopal

By Sanjay Hazarika  
New York Times Service

NEW DELHI — The Indian government will seek a minimum of \$3 billion from Union Carbide Corp. as compensation for the gas leak at the U.S. company's plant that killed more than 2,000 people.

The government gave the amount Saturday in a statement before a court in Bhopal, the central Indian city that was enveloped Dec. 3, 1984, by toxic gas that escaped from a Union Carbide subsidiary plant.

It was the first time the government had specified a compensation amount in nearly a year and a half of litigation here and in the United States.

In its statement, the government said it was likely that the amount of damages would exceed \$3 billion "if the case is tried to judgment."

It said it had rejected all offers by the corporation to settle the issue out of court because these were "woefully inadequate to fully and fairly satisfy all the claims of the victims."

The government's statement was in response to an affidavit filed by Union Carbide on Nov. 10 that stated that its Indian subsidiary and the national and Madhya Pradesh state governments for the disaster, while preserving liability for Union Carbide, had agreed to settle the issue.

The company also charged that former employees and a supervisor were covering up possible sabotage.

In its response, the government said the company had no right to seek to implicate the state and central governments in the disaster.

In Danbury, Connecticut, a Union Carbide spokesman, Kurt Manross, read a company statement that said, "The \$3 billion amount is without foundation and totally inconsistent with the government of India's previous demands."

### Official involved in India's

legal preparations suggested that New Delhi had been stung into filing for damages at this stage by the company's affidavit.

"The numbers involved are mind-boggling, and we are very clear that the \$3 billion is the bare minimum level of compensation," said the official, who declined to be identified. "Any settlement must be in excess of that."

In another affidavit last week Union Carbide declared that the Indian government had agreed to represent the Bhopal victims, and it accused official investigators of tampering with evidence by moving the storage tank that leaked.

New Delhi says the multinational legal preparations suggested that New Delhi had been stung into filing for damages at this stage by the company's affidavit.

It claims that the sabotage theory is an afterthought by Union Carbide aimed at reducing its liability.

The government has also sought a court order barring the corporation from selling any of its assets or properties. The Bhopal court ordered a temporary injunction last week against such sales.

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1	100 Commercial Int'l Kw	7%	18 Jan	10%	7.34	3	100 Nordic Investment St	16%	17 Mar	10%	7.34

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(Continued on Page 14)

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## Financial Instruments

## New Flexible Financing Eclipses Classic Bank Lending

By Edward Roby

**F**RANKFURT — The Euromarket that mushroomed a decade ago with the recycling of petrodollars seems to be stabilizing again at modest levels after three years of turmoil that began with the sovereign debt crisis. But many of the former market participants are gone and familiar features like the standard rollover credit may never regain their former prominence.

The extent of the structural change in the international financial market is reflected in the pronounced shift in banking away from bank lending and toward off-balance sheet business. Frank Heintzler, who coordinates the investment banking activities of Deutsche Bank, said that standard lending, which accounted for two-thirds of all financing activity through the international credit and capital markets at the start of the 1980s, had shrunk in market share to around 10 percent or 15 percent last year. At the same time, the volume of Euro-lending activity has quadrupled since 1981.

The liberalization of domestic financial markets, the integration of money, capital and credit markets, the trend toward global financing and the supremacy of the international capital market prompted Mr. Heintzler to characterize the 1980s as the "decade of investment banking."

Customer demand for more flexible financing options has challenged the imagination of bankers and given rise in centers like London

to a variety of new instruments like revolving underwriting facilities (RUFs) and note issuance facilities (NIFs) that combine the features of the credit, capital and money markets. Even in Luxembourg, where traditional Euro-lending still dominates in terms of assets, practically all the foreign banks have diversified their business in recent years, said Volker Buehler, director-general of Dresdner Bank's Luxembourg unit.

In addition to a strong push into private banking, this diversification has included securities and currency trading, swaps, futures and an expanding inter-bank business. The Luxembourg Eurobanks cannot challenge London in the investment banking field, said Mr. Buehler, but "we can offer a little financial engineering."

"The Luxembourg banks have an opportunity to develop a somewhat more sophisticated lending business," he said.

Commercial paper programs and financing packages are two expanding activities in which international Eurobanks are potentially important to play, said Eckehard Storch, director-general of Luxembourg's market-leading Deutsche Bank unit.

The volume in new commercial paper issues, in which the risk is transferred directly from issuer to investor, has more than doubled this year, from \$17.2 billion in 1985, because banking oversight authorities in Japan and Britain have now included underwriting and backup obligations associated with RUFs and NIFs in banking equity ratios, making such facilities more expensive. In view of the higher fees,

volume in Euro-market activities was down 7.4 percent in the first eight months of this year. Demand for financing packages of diverse instruments, including traditional Euro-lending, is not dependent on the prevailing market for commercial paper or Eurobonds, has risen for the same reason, Mr. Storch said.

The demand for Eurobonds as a standby line for Euro-commercial paper programs, he said, suggests that Euro-lending will remain an indispensable feature of the international financial markets. Another potential boost for Euro-lending could come if changing market conditions prompt borrowers to convert secured debt into standard long-term credit.

In the meantime, the problems-debtor countries have virtually dropped out of the Euro-market, the industrial countries, international institutions and multinational companies are raising money on the capital markets and the countries of the East bloc have emerged as the standard clients for syndicated Euro-lending, bankers said.

The East bloc countries are currently the main group of borrowers in the market offering the banks acceptable risks and reasonable margins, Mr. Buehler said. A possible reason why these countries have remained loyal to the Euro-market is that they do not wish to make the kind of public disclosures that would be required in capital market financing. Last year, for example, this group of borrowers nearly doubled its market share in Euro-lending to 11 percent.

Figures provided by the Organization for

Economic Cooperation and Development in Paris suggest that the decline in traditional syndicated Euro-lending has been offset, at least in part, by the growth of the capital market continues unabated. New funds raised through internationally syndicated loans fell to \$42 billion last year from \$57 billion in 1984 and \$72.2 billion in 1983. The total for 1986, based on an annualized projection from the first three quarters, would be \$46.1 billion. But banking and bond markets together, total international financing climbed steadily from \$123.3 billion in 1983 to \$256.5 billion, and a level of \$293.3 billion was projected for this year.

Mr. Buehler said the actual decline in Euro-lending would have been even more dramatic were it not for the takeover of finance managers in the United States, mostly in the petroleum industry. He also ruled out prospects for a revival anytime soon.

The situation has created a highly liquid market in which the banks are forced to compete for the business of the few eligible borrowers at very thin margins.

Despite their heavy reliance on the depressed Euro-lending market, the foreign banks in Luxembourg have been able to stay profitable, Mr. Buehler said, "at least for the time being. But they will not be as good."

Some sources of profitability on the funding side are also under pressure. The stock market boom, which yielded handsome commissions and profits from trad-

ing on the banks' own accounts, has faded. And the short-term, fixed-income market proved a bonanza by becoming out of step, now coming up for redemption.

For the current year, Mr. Buehler said his bank "without doubt" is recording 1985 operating earnings of 280 million Deutsche marks (\$140 million). And Mr. Storch said his bank expects to top its record 300-million Deutsche mark operating profit posted last year, although he said he has heard that some other Eurobanks will have to settle for lower earnings.

Even so, the profitability of the banks in Luxembourg has been so extraordinary recently that earnings would remain respectable even at reduced levels, Mr. Buehler said. With a pace-setting contingent of 30 West German banks, Luxembourg remains the hub of Euro-bank activities and is holding its own with close to a 10-percent market share.

On Jan. 1, the Grand Duchy plans to abolish its area of exemption, a 30-percent levy on bond issues, in a move that could breathe new life into the capital market issuing business. This will affect not only bonds but certificates of deposit and the certificates of individuals called *Schuldenscheine*.

"I understand more from Luxembourg," Mr. Buehler said, "I'm anxious to see how it works out."

Mr. Storch said his bank would start issuing in its own name directly from Luxembourg and that the volume would be considerable. Along with the diversification moves, a revival of the



Eckehard Storch

issuing business would obviously help the banks compensate for the slump in the Euro-credit market. But only an economic upswing and the rehabilitation of the problem-debtor countries to creditworthiness could restore syndicated Euro-lending to its former levels.

The dominance of mid- and long-term financing through rollover credit will never come again," Mr. Buehler said. "That's a bit outdated."

EDWARD ROBY is the Bonn bureau chief of United Press International.

## Zurich: Sense of Anxiety Prevails

By David Timin

**Z**URICH — Switzerland's premier financial center is heading toward yet another successful year. Aside from the bourse, which has turned decidedly sluggish, Zurich's other key indicators of economic vigor are favorable.

So far this year, the city has buttressed its already strong position as one of the world's prime suppliers of long-term credit. Through direct loans and discreet private placements, it has provided to foreign clients 39.7 billion Swiss francs (\$24 billion) in new assets.

At the same time, scores of foreign entities, ranging from Walt Disney to the Commonwealth of Australia and the Tokyo Electric Co., raised 24.7 billion Swiss francs in new issues on Switzerland's exchanges. Meanwhile, Swiss companies floated stock worth another 25 billion Swiss francs.

Despite the robust performance, a sense of anxiety is gripping Zurich. Many financiers are concerned that despite Zurich's continued success, its importance as a financial center has diminished. They point to Zurich's failure to develop into a key center of Euro-market activity.

For the future, many bankers worry that fast-breaking trends in globalized banking will simply pass Zurich by. "The financial world is now constructed around three centers. New

York, Tokyo and London," said Fritz Rieder, a senior vice president at Swiss Bank Corp. "We have to make sure we do not get left out."

Zurich got left out in the reshuffling of global financial centers that came in the wake of the oil shock of 1973-1974. The explosion of oil profits spurred the growth of the Euro-market as a means of recycling petrodollars into investment. Just as this huge business was being born, Swiss fiscal authorities in effect put Zurich out of play by imposing a turnover tax of 0.3 percent of value (300 basis points) on new financial instruments issued from Switzerland.

In the absence of a bid from Zurich, the Euro-market settled in London. Unable to compete at home, big Swiss banks moved to Eurobond banks in London.

Credit Suisse-Frist Botton, the underwriting arm of the Zurich bank, consistently ranks No. 1 among the lead managers of Eurobond syndicates. "We make the profits in London rather than in Zurich," remarked Hans Mast, the former chief economist at Credit Suisse.

Zurich's main role in the Euro-market simply is that of a prosperous and consistent buyer. Because Zurich banks hold about 220 billion Swiss francs in managed portfolios, they purchase 30 percent to 40 percent of all new Eurobond issues, according to some estimates.

For years, Swiss bankers have been agitating for an abolition of the turnover tax. In September, federal regulatory authorities adopted a

few measures intended to restore Swiss financial competitiveness. A 6-percent sales tax on gold, which had virtually eliminated Zurich as a leading gold market, was dropped, and, indeed, Zurich is making a gradual recovery.

Most importantly, the turnover tax on new issues was cut by half to 150 basis points. However, with today's razor-thin margins, the reduction was no help — with no taxes, London remains cheaper.

Swiss bankers see other problems ahead. The first is the downturn in portfolio accounts held by very wealthy individuals and managed at the bank's discretion.

The other potentially harmful trend is that of securitization, which means raising funds through selling "securities" rather than taking out a regular bank loan.

Many Swiss bankers see no alternative but to locate more and more of their facilities abroad. For his part, Hans-Ulrich Doerig, a board member at Credit Suisse, insists that "Zurich must keep the banking services it still holds and try to add on to them."

DAVID TIMIN is a financial journalist based in Geneva.

## ECU Bonds: 'Victims of Their Success'

By Giles Merritt

**BRUSSELS** — "No financial instrument can keep growing at 200 percent a year," said Andre Swings, general manager of the Kredietbank of Belgium, "so I guess you can say that ECU-dominated Eurobonds have taken off and have for the time being reached a cruising altitude."

Mr. Swings is one of the founders of the Eurobond, and he is no doubt that the bill in its popularity in the last six months is only temporary. He foresees a number of political developments in Europe that will again boost interest in ECU-dominated Eurobonds. Currency Units, the national EC bestowment device that is made up of a composite "basket" of 10 national currencies.

The decline in ECU Eurobond business, it should be stressed, is only in relation to other types of Eurobonds. The value of ECU bond issues outstanding has in the past year almost doubled, rising from 16 billion units to over 30 billion units.

In just over five years, since the first ECU Eurobond was floated in the spring of 1981, some 300 bond issues have been made in ECUs. The advantages of dominating a market are already at a disadvantage in the coming year to a growing number of multinational corporations, and at the same time, New York financial institutions are also finding competing reasons for investing in ECU borrowings.

For a company with operations throughout Europe and a number of EC subsidiaries, ECU

bonds offer a means of cutting through the complications arising from currency fluctuations. Giant European corporations like Fiat of Italy, Sino-Gobain of France and the Leasing of the United Kingdom have found that ECU bonds are a means of accounting unit on their balance sheets gives a much clearer and truer picture of each foreign subsidiary's performance than the complications of exchange rate movements.

Such companies have also found that raising capital through an ECU bond issue enables them to obtain a single large borrowing on behalf of the group, which can then be "unbonded" from ECU back into the various national currencies and distributed to the subsidiaries.

As well as the more common 5-year and 10-year fixed rate bonds that make up the bulk of the ECU bond business, there have been many innovative ECU issues have featured floating rates, deep discounts, zero bonds, warrants and specially targeted bonds.

Until six months ago, ECU bonds were the crown of the European market. Since then, "they have become the victims of their own success," said Mr. Swings. ECU bonds had become so popular, he explained, that banks were reluctant to issue them in order to secure corporate business, with the result that ECU bond investors had a mid-year 6% of 6% premium and investor interest dried up. As a result, ECU bonds have fallen from fifth place in the league table of Eurobonds.

The U.S. dollar is still far and away the most popular currency, followed by the Swiss franc,

the yen, the Deutsche mark and the pound sterling, followed by the ECU.

However, analysts now foresee the ECU making a strong comeback for several reasons. First of all, the yield on ECU bonds is for the time being higher, at 8% to 8 1/2 percent, than on Eurodollar bonds where it is under 8 percent. Experts stress that this situation is only temporary but not one that while it lasts U.S. investors have a major incentive to buy into ECU bonds.

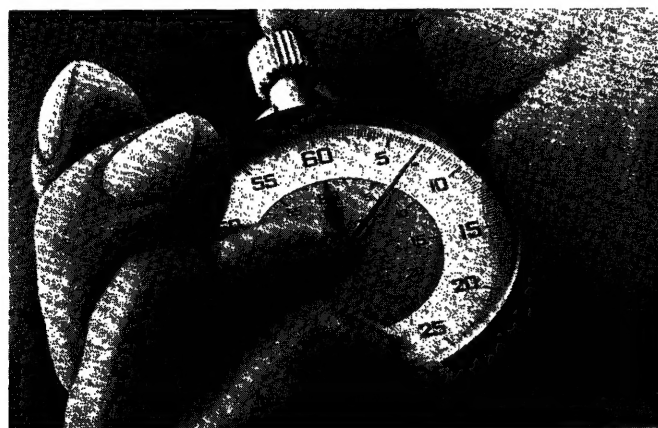
For U.S. investors, the ECU cuts through the problem of having to analyze Europe's different economies and monitor their currencies.

A longer-term development that experts like Mr. Swings are pinning their hopes on is the lifting of West Germany's ban on the private holding of ECU bonds.

The most important development that lies ahead for the ECU and for ECU bonds concerns the further development of the secondary market in ECU instruments.

There are 33 recognized market makers in ECU, which compares well with the 27 market makers in the City of London. In the City of London, a new computerized dealing system that can handle up to 200,000 ECU payments orders a month is under way, and investors may find a market for ECU bonds and securities may be unveiled shortly.

GILES MERRITT, a journalist based in Brussels, is a regular contributor to the International Herald Tribune.



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## U.S. Ties to Foreign Funds

Continued from page 9

sector and investment," he said. "At the same time, we will have to be prepared to rely less on capital inflows to finance domestic needs."

"For other countries, with excessively large trading surpluses, the opposite must be true—reducing stronger growth in domestic demand and consumption and more fully utilized domestic savings as their trade balances decline," he added.

He also noted that the availability of foreign money has "had the practical effect of largely offsetting the huge demands on our money and capital markets from the federal government's budget deficit. Convenient as that borrowing may be, however, that process is not sustainable indefinitely."

Mr. Volcker continued: "We are now by far the world's largest debtor country, and even under favorable circumstances that net indebtedness will increase substantially further in the years ahead... In the more immediate future, the relevant question is whether foreigners will remain willing to supply so large a fraction of their own savings in our markets. The question could become more pointed if and as their own economies expand more rapidly, as we would like to see."

The American appetite for foreign funds seems nearly insatiable. From January through June, according to figures from the Federal Reserve, foreign lenders and investors supplied 12.5 percent of the total funds raised in U.S. credit markets, which are by far the world's largest. At a seasonally adjusted annual rate, foreign funds accounted for \$110 billion of the \$883 billion total.

Only about half as much, \$59 billion, was supplied by foreign sources last year. In turn, was more than double the level of only two years earlier, the Federal Reserve figures show. The foreign share of total funds raised in 1985 was 5.6 percent.

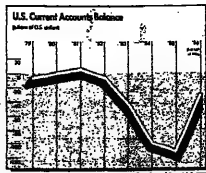
For several particular types of borrowing, foreign funds were even more important:

- Foreign purchases, at a seasonally-adjusted \$47 billion for the year, accounted for 30 percent of the total net issues of corporate and foreign bonds in U.S. credit markets.
- Foreign buyers, including official agencies such as central banks, purchased U.S. government securities at a \$53-billion yearly rate, about one-fourth of all those issues during the period. At each of the quarterly refinancings, in which the Treasury pays off maturing long-term debt and raises additional money with larger new issues, a major point of speculation is the extent to which foreign buyers will participate. If there is a general expectation that foreign demand for the securities will be weak, the Treasury may end up paying higher interest rates than it otherwise would, analysts say.

- Finally, foreigners also bought corporate securities for a seasonally-adjusted \$26 billion, and in the process accounted for 16 percent of the net issues of corporate equities.

Meanwhile, however, "two other forms of foreign investment in the United States, bank deposits and direct investment, showed a different pattern."

Foreign deposits in domestic financial institutions fell at a \$10-billion annual rate, a much more rapid decline than in either 1984 or 1985, when the level of such deposits also went



down. Foreign direct investment in nonfinancial companies rose at a \$9.4-billion rate, down from the \$17.2 billion recorded in 1985 and the \$25.6 billion of 1984.

Altogether, foreigners acquired net financial assets at a seasonally-adjusted \$167 billion for the year while U.S. investors added only about \$70 billion worth of financial assets abroad in the first half of this year.

Of course, many of the figures are the net outcome of volumes of capital flows in each direction whose magnitudes are many times greater and are increasing rapidly. This enormous growth in the volume of transactions, along with the liberalization of access to capital markets in Tokyo, London, Toronto and elsewhere, has caused many major banks, brokerage firms and government securities dealers to expand operations in other countries other than their home base.

**JOHN M. BERRY** is a reporter covering economic and financial topics for *The Washington Post*.

## Euroequity Market Expanding

By Vivian Lewis

**P**ARIS — A company like Saint-Gobain, the first to be denationalized under the French government's program, is a natural Euroequity. Under the French privatization program, share purchases by the company's personnel are privileged, and Saint-Gobain has 150,000 employees, half of them outside France.

The Eurobond market has spawned the Euroequity market. A Euroequity is any stock that trades actively in more than one market, which may not be in Europe. Fred Zuckerman, treasurer of Chrysler Corp., which has just been listed in Tokyo, thinks it is a "Samurai equity," a term he coined for foreign shares on Japanese markets.

The French government has chosen to limit total foreign investment to 20 percent of the Saint-Gobain share issue. But because Euro-market arbitrage extends across borders, the 20-percent limit will not hold once active trading begins.

Only a dozen French shares currently trade widely outside France. They include BSN, Motif-Hennessy, Pirelli, Club Med, Louis Vuitton, Pernod, Lafarge, Michelin, Elf and Peugeot.

The first Euroequities were the products of cross-border mergers, such as Royal Dutch-Shell or Unilever (which are both Dutch and British) as early as 1980. Large corporations began to seek listings in foreign stock markets.

The trend has picked up because of modern communications. Companies, however, often do not bother getting listed to sell their stock,

as a result, the Euroequity market is a system with perfect technology in communications, and problems and imperfections in everything else. A world system for quoting shares required only a slight adjustment in the screens covering national markets. Members of different dealing systems can now play in foreign equity markets.

There are three ways that world stock markets are coming closer. First, quotations can be exchanged between markets through electronic linkups. Secondly, corporations may actively set out to get their shares quoted in foreign markets. Finally, there is an enormous, informal "over-the-counter" market in international stocks. Banks or brokers are prepared to trade blocks of shares in foreign markets to their institutional clients on a bid-asked price basis, which may never be reported to stock exchanges at all.

Quotations for unlisted Euroequities are available through Euromarket screens developed for bond trading. But listed Euroequities are also quoted by high-technology methods.

The Interbourse Des Bourses is a quotation exchange system between stock markets in London, Paris, Brussels, Amsterdam and other European cities. The Interbourse Des Bourses also links some Canadian stock exchanges with the London Stock Exchange, quotations are exchanged transactionally.

Corporations have opted to go further, and get their shares listed on foreign exchanges as well, in the form of American Depositary Receipts, European Depositary Receipts and Japanese

Depository Receipts. These tradable instruments are created by depositors, usually banks, which actually hold the foreign shares.

The number and size of Euroshare issues is leapfrogging. Because of foreign listings in New York, Toronto and Tokyo markets, British Telecom in 1984 was able to raise £13 billion (\$2.8 billion), the largest equity offering in history. Other non-U.S. companies issuing equity in the United States in 1985 raised \$500 million and in the first quarter of this year raised as much again, according to the Securities and Exchange Commission.

U.S. companies in 1985 raised \$122 million and through May 1986 \$600 million with Euro-equity issues. Credit Suisse-First Boston expects that total Euroequity issues by about two dozen U.S. firms this year will top \$1 billion. About 10 percent of the trading on the New York Stock Exchange is originated abroad.

Listing a Euroequity does not come cheap. A study by Audit Continental in Paris (correspondents of Peat, Marwick, Mitchell & Co.) figured the cost of an introduction in the United States of a foreign stock at \$1 million and the time it takes at a minimum of 40 days. This has been enough to discourage West German or Swiss companies from getting a New York listing. However, many Japanese companies are traded in the United States.

Getting a full listing in London would cost a company £250,000, plus fees of 2 percent of the amount raised for an underwriting and 0.5 percent for a placement. A way to cut costs, to £165,000 including underwriting fees, is to use the less prestigious United Securities Market. Getting a listing on the Paris Bourse would cost 500,000 francs (\$75,757) to 4 million francs, depending on the method used and the exchange selected. (Again, using the over-the-counter-style *Second Marché* cuts costs.)

Japanese listings are particularly cheap because of a deliberate policy of removing onerous and stringent requirements, although disclosure rules protect the small shareholder. The Japanese no longer require that former years' accounts be expensively restated to conform to Japanese Accounting Practices, but accept foreign audits.

Chrysler's Tokyo listing cost about \$50,000 and took 105 days, according to Mr. Zuckerman. As of today, there are 36 non-Japanese companies listed in Tokyo, most of them well-known like IBM and Dupont. Merrill Lynch is about to get listed.

In addition to the initial listing cost, foreign markets require that shareholders receive quarterly consolidated translated information that some Continental European companies do not give their shareholders. If the market is to be active, the underwriter who introduced the shares must continue to make a market in the stock.

The over-the-counter Euroequity market does not depend on companies getting foreign listings and tends to be an institutional market. It is a way for institutions and the dealers who work for them to exploit the gross inefficiencies of stock markets or get around restrictions.

**VIVIAN LEWIS**, a financial journalist based in Paris, is a regular contributor to *The Banker* and the *International Correspondent* Monitoring Service.

## Battle to Lead-Manage Issues in Eurobond Trading Intensifies

Continued from page 9

manager, who keeps the 1/4 percent prescription to himself, can make any money.

While every syndicate manager insists that he is making money in the primary market — "otherwise I wouldn't be here" — the fact is few do, except the very dominant lead managers. And that, in turn, creates a self-fulfilling cycle of ruthless competition for lead management positions.

The lead manager not only makes the 1/4 percent prescription, the benefits of the relationship to the borrower and, of course, the visibility of league table position; he can also receive some money on the private side of a deal, such as swap fees. There can be, for instance, three or four related swap transactions hidden behind a new issue.

The lead manager is also in a better position to take a more aggressive syndication style. A dominant player in the league table can offer an occasional profitable deal to co-managers and then pressure them to swallow the losses on the more than occasional badly priced deals.

One of the main reasons for a co-manager coming in on a deal when upfront losses are a foregone conclusion is the perceived need to be seen by the borrower as supporting the issue. This specialty holds true for commercial

banks. Profits in secondary market trading can also be contingent on leading an issue, because control of the books means the lead manager is better able to locate the paper when needed and take a more aggressive stance in his trading positions.

In its own study measuring the profitability of its lead and co-managed deals, an American house found that on the primary side in debt issues more than 50 percent of total profitability came from issues that it led with the remainder from co-managed deals, even though the firm had co-managed seven or eight times as many lead managed deals.

But in the transactional, commodities-like market place this year, prices have essentially been all that separates the winning lead manager from the loser, and it is changing the definition of success.

In a classical post-bought deal Eurobond syndication, the lead manager buys the entire deal, prices it according to the indications of similar issues trading in the secondary market, and then the launch to ensure that syndicate members can distribute the paper to end investors within the fees. Everyone made a profit.

That has all changed. In the competition for mandates, underwriters severed the link in prices between the primary and secondary markets by pricing their issues not to place, but to win the bid, and increasingly, or a spread over the yield of U.S. treasuries of a similar

maturity, regardless of the secondary market. Ultimately, the only buyers in such a defined scheme of things have largely been the underwriters themselves.

The syndicate strategies also had to be adapted to the new conditions. It shifted to winning the mandate at nearly any price, syndicating as much as possible to co-managers to reduce risk, positioning the paper for a few weeks and holding the risk as much as possible, and then trading out of the position when the market caught up with the pricing.

The new way was risky, though profitable, through the bond rally of last year and the first quarter of 1986, but by spring, underwriters got a taste of what a downturn in this new scheme of things could mean to the bottom line.

The soaring volume of new supply outstripped the appetite of the Eurobond investors, especially the core European retail investors, causing inventories to surge to record levels. By June, an estimated one-half of all new issue fixed-coupon dollar debt was still in inventory.

Most of the European houses did not hedge their Eurobond positions and crept head-scratching through the bull rally earlier this year. Several of the U.S. houses were shorting U.S. treasuries against long positions in Eurobonds, but without the marginal hedge or naked positions in April.

Unfortunately, the market reversed in late April, leading to substantial position losses. To make matters worse, even the hedged positions were losses because the spread between the Eurobonds and treasuries widened. Heads you lose, tails you lose again.

These events accelerated the trend toward a co-manager revolt. Their willingness to desert both issuer and issuing house has meant in the last half of the year that syndication is inherently much more difficult. Some syndicate managers assert the decline rate is already an average of 50 percent. That means that the risk as lead manager is soaring, and ultimately, the business will go to the houses with the placement power and the bigger capacity to take and position paper.

All market pressures continue, the ratio of declines will increase further and the only houses that can place entire issues will bid for mandates," asserted Nomura International's syndicate chief Hiroshi Yoda.

Furthermore, the size of the syndicates will inevitably be smaller, concentrated among the first-tier institutions to whom such may owe reciprocity favors. Most of the leading houses now assert that underwriting half an issue is becoming the norm for doing business.

Strommen Lehman Brothers International planned a succession of deals in which it took half the issue on its own books for distribution

and syndicated the other half among a group of perhaps no more than four co-lead managers who, in making a commitment to make a market in the issue, were also let in on the prepayment. Co-managers were brought in for delivery of the deal, mainly to ensure broader distribution.

Perhaps an indication of where things are headed lies in the \$200-million, 15-year World Bank issue and a \$150-million floating rate note for Credit Lyonnais led by Shearman and Sterling in late December. In the two deals, Shearman was the sole book runner and sole distributor of the deals.

Morgan Stanley found considerable market support for its Denmark issue squeeze play, and some thought that perhaps it represented a watershed in market belligerence. Fears abound that if the syndicate continues, it may draw the ire of regulators as the British government continues to debate the Financial Services bill, not to mention investors and issuers alike.

"Sooner than later, investors will get fed up with the free-for-all tactics of the underwriters and be scared out of the new issue market altogether," worried one universal bank's syndicate manager. "There has been enough badly priced deals this year to stamp it into the lead manager's mind, but maybe this will at least slow the fever."

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# Debate Sharpens Over Distributing Equity

By Kevin Muehring

**L**ONDON — The record \$1.6-billion global issue last September of what amounted to nearly 16 percent of the Italian automaker Fiat's stock was supposed to be a landmark in the development of the fast-growing Euroequity market. And it was, one way or another.

Nearly as soon as the lead manager, Deutsche Bank Capital Markets, began syndicating the deal, the market jumped ahead of itself and everything that could possibly go wrong, did. The share price on its home exchange in Milan began falling sharply and the co-lead manager, nervous with \$100 million of risk on their books, panicked and tried to lay off the stock quickly with multiple calls on the same institutional investors.

A breakdown in pricing discipline led to deep discounts off the issue price, and confusion over the settlement procedure in Italy led to many sales back into Italy being aborted.

Although Fiat's share price has since climbed back to within the 8-percent discount and underwriting fees for the deal, the issue nevertheless left many of the syndicate members nursing bitter underwriting losses. Questions ever since have hung over the future growth of the Euroequity market. In particular, the Fiat issue sharpened the debate between "regionalists" and "globalists" concerning the best techniques of distributing equity internationally.

The problems with the Euroequity deals that have gone badly to date, say leading strategists in the field, lie with the origins of the market's distribution systems in the traditional techniques and channels of the Eurobond market.

There, an international syndicate of underwriters is typically assembled to take bonds on their books for rapid placement with large institutional investors and portfolio managers across national borders. Many underwriters have tended to use the same techniques and even the same sales force to distribute the equity.

If a bond issue is mispriced or poorly syndicated, the price will quickly slip outside the underwriting fees but soon find a market equilibrium in line with the prices of other similarly seasoned issues of the same maturity. It might cost the lead manager some prestige and maybe some money but then probably not, if the hidden swap fees or hedges are factored in.

Equity is different. For one, it still tends to be a different investor, working on different criteria and performance expectations, who is buying the global equity. It is also much harder to find in a short amount of time. And more importantly, unlike bonds, equity is fully fungible with what could be millions of existing shares, and, if the investor sells, there can be no certain mathematical bottom to how far it may fall.

"There is a yield floor on bonds, whereas with equity, there is simply no bottom to the downside risk," noted Enkilda Securities managing director Gerard DeCoer. "A share is pure supply and demand."

For the underwriter, it could mean substantial losses if he is not quick enough to lay the risk off. And if the equity is not placed in firm hands, a badly distributed Euroequity issue

can easily flow back to brokers in the home market with enough momentum to pull the share price down. While a corporate treasurer may care little about the performance of this or that bond, he will care about his equity and those questions that would inevitably follow from his board or state shareholders. This "flowback" is the big fear.

The November 1984 British Telecom issue, in which U.S. investors were allocated some 18 percent but quickly sold all but perhaps 2 percent to cash in on the British government's low pricing of the deal, has been cited as the great example of flowback. The market has, however, provided numerous other cases of even worse flowback and disastrous issues. The Fiat issue merely being the largest and most recent.

It has not been lost on many that most of the badly performing deals have occurred with those utilizing a more "pure" Eurobond-style distribution. So as the banks strive to be among the lucrative first tier of lead managers, they are adapting their internal syndicate and sales organization and their distribution methods to better ensure firmer placement and less flowback on the issues they lead.

"The critical thing is to place it in the hands of people who wish to own the paper," said David Brooks, managing director at Warburg Securities. "This is a customer-led, distribution-driven business."

To that end, Solomon Brothers International split its international capital market activities, creating a parallel syndicate desk and sales force to the debt issues that will handle coverables and equity warrants as well as pure equity placements. Other houses have put equity specialists on the syndicate desk and in the sales force, or they have established specialized equity groups within their securities operations.

Two distinct distribution techniques have also evolved since the first wave of deals. Swiss Bank Corp. and most of the European banks have, for instance, structured a syndicate technique known as the segmented or targeted-outcome approach, or what S.G. Warburg calls a "tag/tear" approach.

A three-tiered syndicate coordinated by the lead manager splits the issue into tranches that are sold into geographical regions with co-lead managers responsible solely for placement in his region. Each country co-lead manager runs separate books and puts together a sub-syndicate whose members are barred from selling outside their region.

Swiss Bank Corp. and its followers insist that this targeted syndicate structure ensures greater discipline among underwriters by preventing multiple calls on the same institutional investors. And by targeting sub-syndicates who best know their markets, the distribution better reaches the long-term, retail-end investor.

Credit Suisse-Frist Borsen and most of the Wall Street houses on the other hand tend to favor a "globalist" approach to distributing Euroequities, utilizing a sole lead manager and single syndicate with the lead manager being the sole book runner. The global single-book-runner structure eliminates the middle level of the segmented allocation process, enabling the lead manager to better shift the paper to where true demand lies.

The other argument in favor of this delivery system is its enhanced trading capability. By running the books and knowing where the paper went, the lead manager is better able to stem the flowback in the aftermath by trading the paper upstairs and off the exchange floor in the home market. The global strategist argues that controlling the trading flows or even keeping track of where the paper goes is impossible in a segmented, multi-book approach.

"The key is controlling the stock," notes Ludovico Del Balso, who heads the Equity Products Group at Shearson Lehman Brothers International, reflecting something of a Wall Street view of the world. "But if you use a regional syndicate distribution, there is too much protection and you lose control."

The reasons, of course, for promoting the respective techniques has a lot to do with the underwriters' self-interest in adhering to the dictates of their own internal culture and organization and their primary client and investor base, as well as defending the practices and strategies of their home markets.

The European banks prefer the segmented approach because their placing power is more narrowly centered in their domestic market, while the Americans tend to find advantage with the global approach since most Euroequity issues are not for sale in the United States.

And for that matter, Euroequity issues are just one layer of the international equity market. Issues can be tailor-made for distribution inside a foreign market, such as Japanese com-

parable bond and warrant issues in Switzerland, or a listing on a foreign exchange.

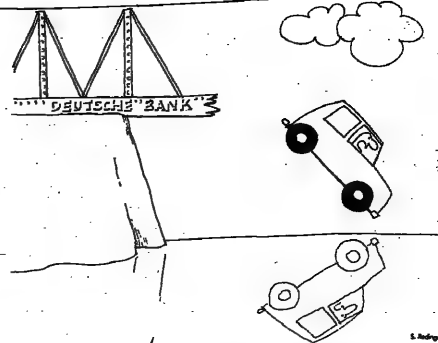
"The market is a multidimensional one, and it is important to select the approach or combination of approaches which will create the desired demand at the end-investor level," Michael Cole, director at Goldman Sachs & Co., wrote in a report on international equity markets.

It may be some time before the market sees the full repercussions of the Fiat fiasco. Mr. DeCoer of Enkilda Securities admits many in expressing his concern that the deal may drive some investors away from future Euroequity offerings much as the underwriter infighting in the Eurobond market has done so much to drive away retail investors.

"I think the investors are getting fed up with this kind of deal and I suspect that this feeling will become more and more obvious," Mr. DeCoer noted.

But as badly as the Fiat deal went, every new market has its troubles from which underwriters, issuers and investors alike draw their lessons. The Euroequity market will evolve toward some hybrid of the two competing styles, mixing the regionalist's emphasis on firm placement with the globalist's strength in upstairs trading and aftermarket liquidity.

If anything, the Fiat issue illustrated the weaknesses in both techniques if not supported by the strength of the other. It can, for instance, take much longer to put a targeted syndicate into place. And if the equity is already widely held internationally, there is little



point of such a carefully targeted approach because of the immense difficulties of controlling aftermarket trading.

Ironically, Deutsche Bank, which has traditionally preferred the targeted approach, argued it was not possible on its Fiat deal because there was little time and the Fiat shares were already globally held.

But for that matter, a global control over an issue is meaningless unless the lead manager backs it up with a commitment on trading the

stock upstairs and taking a position in the stock. Above all, both sides agree that providing research and following the issuer's stock is critical to maintaining a high degree of investor interest and awareness.

The lesson learned may be a simple one: Do not lose nerve and take better care to keep all the players informed. The underwriting is rampant in the Eurobond market is ill suited to the mutual risks shared by all with equity. That will certainly not be lost on the upcoming French demutualization plan.

## Japan, Flush With Funds, Makes Rush Into Europe

Special to the IHT

**T**OKYO — Japan's careful walk to the Euromarket has sped to a gallop in the last two years, with Japanese banks now front-runners in key aspects of European financing and overseas lending.

As the Ministry of Finance deregulates the Japanese financial sector and the demand for yen currency rises, banks, insurance companies and securities houses latch onto each new opportunity, spurred by competition at home and abroad.

Behind this lie Japanese banks' vast funds, which grew out of the Japanese penchant for saving and a trade surplus that will likely exceed \$60 billion this year. Recent liberalization of interest rates has swelled the coffers further, revealing a voracious appetite among cash-rich corporations and individuals for higher yielding investments.

Japanese banks now collectively hold 25 percent of international banking assets against 18 percent by U.S. banks.

In the 1960s and 1970s, these funds were invested in Japan's tremendous industrial growth. But whereas companies used to rely on financing for about 70 percent of their working cash flow now provides most. Within the financing that remains, corporations find securities a more effective avenue than loans.

As a result, Japanese banks are seeking new

sources of business and one of the favorite places to look is overseas.

Although syndicated lending generally is decreasing, the prominence of Japanese banks is on the rise.

In the third quarter of 1986, Japanese banks' yen loans overseas totaled \$25.1 billion yen (\$1.6 billion), a 54-percent increase over the same period a year ago after the Ministry of Finance eased rules restricting loans by insurance companies to foreign entities.

At the end of 1985, European lending by overseas branches of Japanese banks came to 15 billion yen, up from 552 billion yen in 1984 and 192 billion in 1983, according to the ministry.

Banks do not reveal their overseas exposure by domestic branches, so figures are not available. But a case-by-case look at recent syndicated loans shows steady activity, which bankers ascribe mainly to the easing of regulations on lending by various different types of financial institutions.

October saw the longest-term yen loan yet offered by Japanese lenders overseas, with a 10-year, \$100-million loan to the Province of Quebec signed for a 25-year 20-billion yen loan with a syndicate of six Japanese life insurance firms and a long-term bank. In recent months, at least 12 major syndicated yen loans have been signed by Japanese financial firms. These include loans for Algeria, Denmark, Italy, the United States, China and Australia.

In June, Fuji Bank initiated the first foreign loan sub-participation by selling China Kogyo Bank Ltd. half of a 40 billion yen loan credit to an unnamed foreign borrower.

Smaller Japanese banks seek sub-participation because of the lack of demand for loans by small companies in Japan and the lack of attractive fund management instruments here. Sub-participation is preferred because it exposes them to less long-term risk.

Major banks agree to this because that way they pass off some of their lower-quality loans and leave themselves more room for higher-quality customers within a total lending ceiling.

Many banks see Asia as the prime area for expanding business because countries there are entering the kind of growth phase Japan enjoyed until the mid-1970s. "Korea and Taiwan are now in the situation of the Japan before," said Simon Smithson, an analyst at Kiewit Research International (Tokyo). "They're geared to the lift and will become reinvigorated for investment."

Since many Asian companies are not yet well-known overseas and their own securities markets are underdeveloped, borrowing is their only choice. One sign of commercial bank involvement in funding less-developed countries is the rise in Japanese private sector lending overall to international organizations to 614 billion yen in 1985 from 546 billion yen in 1984.

Many Asian countries have been attracted by the low interest rates on loans from Japan, whether commercial or soft. But more recently, the rise in the yen's value has sparked caution. Countries like Thailand, which has its debt profile increasingly dominated by Japan, produce commodities that are flat or falling in dollar terms. So they find the cost of loan servicing getting out of hand and worry that when it comes time to pay up, there could be a huge loss.

Japanese involvement in European capital markets has also been stunning in the past year. Largely because more Japanese firms have turned abroad to raise funds, but partly in foreign debt, too.

Japanese banks, which barely scraped into the top 10 international rankings in various kinds of financing last year, this year appeared regularly in the top five, according to an annual survey by Euromoney Magazine released in October.

Yen issues accounted for 8.7 percent of Eurobonds to June 1986 against 5.1 percent in 1985. The four largest Japanese securities houses and the Bank of Tokyo were the top five managers, commanding 79.1 percent of the market. The trend is sure to continue, especially as banks are squeezed ever tighter while demutualization breaks down the walls that kept them protected from the outside world and each other.

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EUROBONDS

Springtime Arrives Early For an Optimistic Market

By CARL GEWIRTZ

International Herald Tribune

PARIS — Optimism waited through the Eurobond market last week. The dollar sector was buoyed by New York's renewed conviction that the next move in interest rates will be down rather than up. The Deutsche mark sector was boosted by the new level set a week earlier in the government market, which was seen as a realistic base to work from. And as the DM moves, so does the European currency unit.

Customers were drawn back to the market, bankers said, and registered a preference for slightly longer maturities of five-to-seven years rather than the years or less that have recently been most popular. The slightly longer maturity gives a higher yield and, more to the point, it increases the likelihood that interest rates do decline should appreciate more than very short-dated paper.

Hopes for lower interest rates, pricing realism build confidence.

A major factor in the market's improved tone was the realistic pricing on most of the new issues. There were the usual quibbles over particular terms, but there were no cries of outrage about gross mispricing. This return to realism was most apparent in the floating-rate sector where the London interbank offering had been resented as the base rate rather than the bid rate, Libid, which is usually a point lower than Libor.

First Chicago offered a coupon of 3/16 point over Libor — the highest return seen this year from a U.S. Treasury-linked bank. The bank, rated a weak single-A, has had its share of financial woes and the generous pricing proved especially fortuitous since all T.S. bank paper has been under attack since when Moody's announced last Thursday that it was reviewing for possible downgrading its double-A rating of Citicorp's \$26 billion of debt outstanding.

Prudential Insurance had an outstanding reputation on its triple-A rated collateralized mortgage pass-through securities, the first such offering in the FRN market. The collateral is 29-year mortgage-backed securities paying 11 1/2 percent interest. The interest and principal payments on these mortgages are used to service the FRN; Prudential itself bears no obligation to the noteholders.

THE STRUCTURE is somewhat complicated, but the market — blinded by what must be the most generous pricing ever on triple-A rated debt — did not waste much time trying to master the details. Within hours, the issue was increased to \$200 million from the \$200 million initially announced. Interest will be set at 4 1/2 basis points, or 4 1/2 percent, over one-month Libor, which is currently 6 1/2 percent. Interest on the FRN will never be higher than 1 1/4 percent, a matter of no concern in today's market. Fees paid to underwriters were also generous — 75 basis points.

Although the FRN has a nominal 29-year life, most of the mortgages are likely to be prepaid given today's lower level of interest rates. As a result, there is no assurance how long and how much of the FRN will remain outstanding. The lead manager, Goldman Sachs, says the average life is likely to be between two-and-a-half and three years.

In the fixed-rate market, investors responded to the magic of Mercedes Benz and IBM, Mercedes offered \$100 million of 7 1/2 percent, seven-year paper at 100 1/4, a yield at launch of 4 1/2 basis points over the yield on U.S. Treasury paper. By end-week, trading at 97 1/2, the paper was yielding 3 1/2 basis points over the Treasury curve.

IBM Japan sold \$150 million of 7 1/4 percent, five-year notes at 101 1/4 for a yield of 5 1/2 basis points over Treasury paper and ended the week trading at 45 over Treasury at a discount of 1 1/4.

Unusually, most of the new issues were trading just around the fees paid to underwriters. The exceptions were Thomson Data's five-year notes, which are exchangeable every three months for the first two years of the FRN, paying 10 1/2 percent over Libor. Despite the two-point discount the size of the issue was doubled to \$200 million. Managers said the discounted price was aimed at trying to discourage underwriters who could not sell the paper from dumping it.

Norsk Hydro was the least well-received with its \$150 million of seven-year bonds trading at a discount of 2 1/4 points. Higher-yielding Norwegian paper is easily available in the secondary market, and also had trouble finding takers for its \$120 million of five-year notes, which ended down 2 1/4 points.

West German investors were out in force buying high-coupon Australian dollar bonds of three- to five-year maturities issued by German entities. Four banks and an insurance company, including Standard Electric Lohmeyer, McDonald's tapped the longer end of the market with an eight-year maturity.

Most observers said, however, that all these new Australian

See EUROBOBDS, Page 15

Last Week's Markets

All figures are as of close of trading Friday

Market	Nov. 21	Nov. 22	Nov. 23	Nov. 24
DJ Index	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 30	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 60	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 90	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 120	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 150	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 180	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 210	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 240	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 270	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 300	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 330	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 360	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 390	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 420	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 450	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 480	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 510	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 540	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 570	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 600	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 630	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 660	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 690	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 720	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 750	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 780	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 810	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 840	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 870	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 900	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 930	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 960	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 990	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 1020	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 1050	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 1080	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 1110	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 1140	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 1170	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 1200	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 1230	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 1260	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 1290	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 1320	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 1350	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 1380	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 1410	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 1440	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 1470	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 1500	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 1530	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 1560	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 1590	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 1620	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 1650	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 1680	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 1710	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 1740	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 1770	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 1800	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 1830	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 1860	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 1890	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 1920	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 1950	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 1980	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 2010	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 2040	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 2070	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 2100	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 2130	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 2160	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 2190	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 2220	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 2250	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 2280	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 2310	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 2340	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 2370	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 2400	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 2430	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 2460	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 2490	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 2520	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 2550	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 2580	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 2610	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 2640	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 2670	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 2700	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 2730	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 2760	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 2790	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 2820	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 2850	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 2880	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 2910	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 2940	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 2970	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 3000	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 3030	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 3060	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 3090	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 3120	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 3150	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 3180	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 3210	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 3240	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 3270	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 3300	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 3330	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 3360	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 3390	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 3420	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 3450	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 3480	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 3510	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 3540	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 3570	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 3600	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 3630	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 3660	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 3690	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 3720	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 3750	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 3780	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 3810	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 3840	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 3870	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 3900	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 3930	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 3960	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 3990	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 4020	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 4050	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 4080	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 4110	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 4140	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 4170	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 4200	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 4230	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 4260	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 4290	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 4320	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 4350	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 4380	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 4410	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 4440	1,492.24	1,492.24	1,492.24	1,492.24
DJ Ind. 4470	1,492.24	1,492.24	1,492.24	1,492.24







OTC Consolidated trading for week ended Friday. Oct. 21

**THE BELLE ÉPOQUE**

**IN THE PARIS HERALD**

by Hebe Dorsey

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THE INTERNATIONAL HERALD TRIBUNE

Country Herald <sup>INTERNATIONAL</sup> Tribune

## Wall Street Review

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OTC Consolidated trading for week ended Friday.

Sales by Month High Low Close Open										Sales by Month High Low Close Open									
(Continued)										(Continued)									
Month	High	Low	Close	Open	Month	High	Low	Close	Open	Month	High	Low	Close	Open	Month	High	Low	Close	Open
Jan	100	95	98	96	Feb	105	100	102	101	Mar	110	105	108	107	Apr	115	110	112	111
May	120	115	118	117	Jun	125	120	122	121	Jul	130	125	128	127	Aug	135	130	132	131
Sep	140	135	138	137	Oct	145	140	142	141	Nov	150	145	148	147	Dec	155	150	152	151
Jan	160	155	158	157	Feb	165	160	162	161	Mar	170	165	168	167	Apr	175	170	172	171
May	180	175	178	177	Jun	185	180	182	181	Jul	190	185	188	187	Aug	195	190	192	191
Sep	200	195	198	197	Oct	205	200	202	201	Nov	210	205	208	207	Dec	215	210	212	211
Jan	220	215	218	217	Feb	225	220	222	221	Mar	230	225	228	227	Apr	235	230	232	231
May	240	235	238	237	Jun	245	240	242	241	Jul	250	245	248	247	Aug	255	250	252	251
Sep	260	255	258	257	Oct	265	260	262	261	Nov	270	265	268	267	Dec	275	270	272	271
Jan	280	275	278	277	Feb	285	280	282	281	Mar	290	285	288	287	Apr	295	290	292	291
May	300	295	298	297	Jun	305	300	302	301	Jul	310	305	308	307	Aug	315	310	312	311
Sep	320	315	318	317	Oct	325	320	322	321	Nov	330	325	328	327	Dec	335	330	332	331
Jan	340	335	338	337	Feb	345	340	342	341	Mar	350	345	348	347	Apr	355	350	352	351
May	360	355	358	357	Jun	365	360	362	361	Jul	370	365	368	367	Aug	375	370	372	371
Sep	380	375	378	377	Oct	385	380	382	381	Nov	390	385	388	387	Dec	395	390	392	391
Jan	400	395	398	397	Feb	405	400	402	401	Mar	410	405	408	407	Apr	415	410	412	411
May	420	415	418	417	Jun	425	420	422	421	Jul	430	425	428	427	Aug	435	430	432	431
Sep	440	435	438	437	Oct	445	440	442	441	Nov	450	445	448	447	Dec	455	450	452	451
Jan	460	455	458	457	Feb	465	460	462	461	Mar	470	465	468	467	Apr	475	470	472	471
May	480	475	478	477	Jun	485	480	482	481	Jul	490	485	488	487	Aug	495	490	492	491
Sep	500	495	498	497	Oct	505	500	502	501	Nov	510	505	508	507	Dec	515	510	512	511
Jan	520	515	518	517	Feb	525	520	522	521	Mar	530	525	528	527	Apr	535	530	532	531
May	540	535	538	537	Jun	545	540	542	541	Jul	550	545	548	547	Aug	555	550	552	551
Sep	560	555	558	557	Oct	565	560	562	561	Nov	570	565	568	567	Dec	575	570	572	571
Jan	580	575	578	577	Feb	585	580	582	581	Mar	590	585	588	587	Apr	595	590	592	591
May	600	595	598	597	Jun	605	600	602	601	Jul	610	605	608	607	Aug	615	610	612	611
Sep	620	615	618	617	Oct	625	620	622	621	Nov	630	625	628	627	Dec	635	630	632	631
Jan	640	635	638	637	Feb	645	640	642	641	Mar	650	645	648	647	Apr	655	650	652	651
May	660	655	658	657	Jun	665	660	662	661	Jul	670	665	668	667	Aug	675	670	672	671
Sep	680	675	678	677	Oct	685	680	682	681	Nov	690	685	688	687	Dec	695	690	692	691
Jan	700	695	698	697	Feb	705	700	702	701	Mar	710	705	708	707	Apr	715	710	712	711
May	720	715	718	717	Jun	725	720	722	721	Jul	730	725	728	727	Aug	735	730	732	731
Sep	740	735	738	737	Oct	745	740	742	741	Nov	750	745	748	747	Dec	755	750	752	751
Jan	760	755	758	757	Feb	765	760	762	761	Mar	770	765	768	767	Apr	775	770	772	771
May	780	775	778	777	Jun	785	780	782	781	Jul	790	785	788	787	Aug	795	790	792	791
Sep	800	795	798	797	Oct	805	800	802	801	Nov	810	805	808	807	Dec	815	810	812	811
Jan	820	815	818	817	Feb	825	820	822	821	Mar	830	825	828	827	Apr	835	830	832	831
May	840	835	838	837	Jun	845	840	842	841	Jul	850	845	848	847	Aug	855	850	852	851
Sep	860	855	858	857	Oct	865	860	862	861	Nov	870	865	868	867	Dec	875	870	872	871
Jan	880	875	878	877	Feb	885	880	882	881	Mar	890	885	888	887	Apr	895	890	892	891
May	900	895	898	897	Jun	905	900	902	901	Jul	910	905	908	907	Aug	915	910	912	911
Sep	920	915	918	917	Oct	925	920	922	921	Nov	930	925	928	927	Dec	935	930	932	931
Jan	940	935	938	937	Feb	945	940	942	941	Mar	950	945	948	947	Apr	955	950	952	951
May	960	955	958	957	Jun	965	960	962	961	Jul	970	965	968	967	Aug	975	970	972	971
Sep	980	975	978	977	Oct	985	980	982	981	Nov	990	985	988	987	Dec	995	990	992	991
Jan	1000	995	998	997	Feb	1005	1000	1002	1001	Mar	1010	1005	1008	1007	Apr	1015	1010	1012	1011
May	1020	1015	1018	1017	Jun	1025	1020	1022	1021	Jul	1030	1025	1028	1027	Aug	1035	1030	1032	1031
Sep	1040	1035	1038	1037	Oct	1045	1040	1042	1041	Nov	1050	1045	1048	1047	Dec	1055	1050	1052	1051
Jan	1060	1055	1058	1057	Feb	1065	1060	1062	1061	Mar	1070	1065	1068	1067	Apr	1075	1070	1072	1071
May	1080	1075	1078	1077	Jun	1085	1080	1082	1081	Jul	1090	1085	1088	1087	Aug	1095	1090	1092	1091
Sep	1100	1095	1098	1097	Oct	1105	1100	1102	1101	Nov	1110	1105	1108	1107	Dec	1115	1110	1112	1111
Jan	1120	1115	1118	1117	Feb	1125	1120	1122	1121	Mar	1130	1125	1128	1127	Apr	1135	1130	1132	1131
May	1140	1135	1138	1137	Jun	1145	1140	1142	1141	Jul	1150	1145	1148	1147	Aug	1155	1150	1152	1151
Sep	1160	1155	1158	1157	Oct	1165	1160	1162	1161	Nov	1170	1165	1168	1167	Dec	1175	1170	1172	1171
Jan	1180	1175	1178	1177	Feb	1185	1180	1182	1181	Mar	1190	1185	1188	1187	Apr	1195	1190	1192	1191
May	1200	1195	1198	1197	Jun	1205	1200	1202	1201	Jul	1210	1205	1208	1207	Aug	1215	1210	1212	1211
Sep	1220	1215	1218	1217	Oct	1225	1220	1222	1221	Nov	1230	1225	1228	1227	Dec	1235	1230	1232	1231
Jan	1240	1235	1238	1237	Feb	1245	1240	1242	1241	Mar	1250	1245	1248	1247	Apr	1255	1250	1252	1251
May	1260	1255	1258	1257	Jun	1265	1260	1262	1261	Jul	1270	1265	1268	1267	Aug	1275	1270	1272	1271
Sep	1280	1275	1278	1277	Oct	1285	1280	1282	1281	Nov	1290	1285	1288	1287	Dec	1295	1290	1292	1291
Jan	1300	1295	1298	1297	Feb	1305	1300	1302	1301	Mar	1310	1305	1308	1307	Apr	1315	1310	1312	1311
May	1320	1315	1318	1317	Jun	1325	1320	1322	1321	Jul	1330	1325	1328	1327	Aug	1335	1330	1332	1331
Sep	1340	1335	1338	1337	Oct	1345	1340	1342	1341	Nov	1350	1345	1348	1347	Dec	1355	1350	1352	1351
Jan	1360	1355	1358	1357	Feb	1365	1360	1362	1361	Mar	1370	1365	1368	1367	Apr	1375	1370	1372	1371
May	1380	1375	1378	1377	Jun	1385	1380	1382	1381	Jul	1390	1385	1388	1387	Aug	1395	1390	1392	1391
Sep	1400	1395	1398	1397	Oct	1405	1400	1402	1401	Nov	1410	1405	1408	1407	Dec	1415	1410	1412	1411
Jan	1420	1415	1418	1417	Feb	1425	1420	1422	1421	Mar	1430	1425	1428	1427	Apr	1435	1430	1432	1431
May	1440	1435	1438	1437	Jun	1445	1440	1442	1441	Jul	1450	1445	1448	1447	Aug	1455	1450	1452	1451
Sep	1460	1455	1458	1457	Oct	1465	1460	1462	1461	Nov	1470	1465	1468	1467	Dec	1475	1470	1472	1471
Jan	1480	1475	1478	1477	Feb	1485	1480	1482	1481	Mar	1490	1485	1488	1487	Apr	1495	1490	1492	1491
May	1500	1495	1498	1497	Jun	1505	1500	1502	1501	Jul	1510	1505	1508	1507	Aug	1515	1510	1512	1511
Sep	1520	1515	1518	1517	Oct	1525	1520	1522	1521	Nov	1530	1525	1528	1527	Dec	1535	1530	1532	1531
Jan	1540	1535	1538	1537	Feb	1545	1540	1542	1541	Mar	1550	1545	1548	1547	Apr	1555	1550	1552	1551
May	1560	1555	1558	1557	Jun	1565	1560	1562	1561	Jul	1570	1565	1568	1567	Aug	1575	1570	1572	1571
Sep	1580	1575	1578	1577	Oct	1585	1580	1582	1581	Nov	1590	1585	1588	1587	Dec	1595	1590	1592	1591
Jan	1600	159																	

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(Continued from first finance page) has a "good chance" at maintain- have to [have reductions in] El Se

of the airplane business," he said. ing earnings growth, despite lower sales. gundo, for sure. That plant now has 7,200 workers.

[illegible]

That after-market, coupled with a handful of smaller programs, is likely to generate \$1 billion in business for Raytheon, says Jacobellis said in an interview recently.

Even so, the decline of the B-1 will pose a serious challenge to Raytheon in terms of maintaining a profitable business. The company's Gulf AirMail is the last single

In addition to aircraft, Rockwell does a substantial government business in satellites, electronics, and defense systems and aircraft. It also makes auto components, commercial electronic devices and a broad group of other products, such as gas meters, paper printing presses and industrial sewing machines.

In terms of manpower at its four production sites, North America will drop from the 25,000 employee it now has to 15,600 at the end of 1987, Mr. Jacobellis said.

Raytheon's future at Rockwell, finds the current winding down particularly painful given the company's performance

component of the company's sales and profits, representing 31 percent of sales or 27 percent of profits in sales in 1983 and 42 percent of its 1983 net operating income. The company's sales in 1983 were \$5.9 billion and decline by 10 percent in 1984.

"There's about \$5 billion to reconvert B-1 sales," Mr. Anderson says. "I don't know how to pick up all of that."

Lacking a large aircraft program, the company is slowly developing a new product line. The B-1's delivery, which is scheduled for 1985, is the subject of a controversial programmatic budget that would require Congress to cut other priorities to fund the program.

The company has substantial aircraft production facilities in Tulsa, Okla.; Fort Worth, Texas; Oklahoma, and Columbus, Ohio. The company has a sprawling industrial complex in Irving, Texas, near Dallas, and a new plant at the National Airport, consisting of no

But the magazine *U.S. News & World Report* reported last week that the company is "in a bind," with including excess weight and a leaky, fuel tank. The magazine said such problems could lead to a cancellation of specifications ranged into the

Under Mr. Anderson's term as chief executive, Rockwell has posted 11 years of consecutive record earnings, and he said the company

## (Continued from first finance)

points if the underwriters were

The facility is clearly designed as an insurance policy to protect against a radical shift in market sentiment since the Bank of England currently issues CDs at around 10 basis points below the London interbank bid rate.

The structure includes Merrill Lynch, which arranges the facility, calls a specialized distribution system whereby any of the underwriters can propose customized terms to Bank of Tokyo-Mitsubishi, and allows the CDs of much longer maturity than the others — up to five years — and in any cur-

In the syndicated loan market, Algeria has finally settled on a \$250-million, eight-year loan and an eight-bank management group led by Banque Nationale de Paris is now marketing a \$250-million, eight-year loan for Banque Nationale d'Algerie. Interest rates will be set at  $\frac{1}{8}$  point over Libor, a significant increase over two previous loans on which it paid a margin of  $\frac{1}{8}$  point and a split 4-4-4.

The front-end fee has also to ½ percent from ¼ percent. Syndication of the \$300-m credit for Vneshtorgbank, the et foreign trade bank, was com ed last week with \$120 m raised from 18 banks.

—CARL GEW

Figures as of close of trading Friday.

Option & price	Call	Put	Option & price	Call	Put	Option & price	Call
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*[The page contains dense handwritten text in German script, likely from a manuscript or ledger. The handwriting is cursive and fills most of the page area.]*

Figures as of close of trading Friday.

Price	Calls	Puts	Option & price	Calls	Puts	Option & price	Calls
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*[The page contains dense handwritten text in German, which appears to be bleed-through from the reverse side of the document. The handwriting is cursive and fills most of the page area.]*

## Nov. 21

	Close		Wk.-ag	
Volatility	Bid	Ask	Yield	yield
1.10.88	100 1/2	100 1/2	4.20	4.30

Agence France-Presse  
JERUSALEM — The Min

of Trade and Industry has decided to place a special representative

Hong Kong to facilitate economic exchanges between Israel and Far East, a spokesman announced.





## SPORTS

Penn State Goes 10-0 on 34-14 Rout of Pitt  
Oklahoma Nips Nebraska in Final Seconds; Michigan Downs Ohio State by 2

**NEW YORK** — Penn State put itself in position Saturday to win the U.S. college football championship with a 34-14 rout of Pittsburgh, which stunned the Nittany Lions on an invitation to the Fiesta Bowl.

Second-ranked Penn State (11-0) made Joe Paterno only the second coach in modern college football history to produce six regular-season undefeated, untied teams.

The game was the all-time leader with seven. If No. 1 Miami beats 2-8 East Carolina on Thanksgiving Day, Penn State will play Miami in the Fiesta Bowl on the night of Jan. 2 for the national title. If the Hurricanes should be upset by East Carolina, the Nittany Lions could go to the Orange Bowl, which has left open a spot until after the Miami-East Carolina game.

Oklahoma won the other berth in the Fiesta Bowl on Saturday by rallying to defeat Nebraska, 20-17, and Michigan gained the Rose Bowl by edging Ohio State 26-24. For the Big Ten Conference title, Ohio State will play in the Cotton Bowl, while Nebraska is headed for the Sugar Bowl. Their opponents have yet to be decided (See Scoreboard).

In University Park, Pennsylvania, Blair Thomas' 91-yard kickoff return and D.J. Donner's 26-yard touchdown run got Penn State going in the first half. The Nittany Lions scored 10-0 in the first half, then 24-14 in the second. The game was tied 24-24 at halftime.

"They wanted another shot at the national championship," said Paterno, whose team lost to Oklahoma in the Orange Bowl last year's "Day." "And they've got it." Oklahoma 20, Nebraska 17. In Lincoln, Nebraska, the Cornhuskers won the game in the first half, 10-0. The Sooners returned the kick-off for a TD and the Nittany Lions never looked back, although they lost quarterback John Shaffer with a hand injury.

The Sooners won the Big Eight

and threw a four-yard TD pass to tight end Brian Kinchen midway through the last quarter.

UCLA 48, USC 25: In Pasadena, California, Gascon Green rushed for a career-high 224 yards and a school record-tying four touchdowns as the No. 8 Bruins, who held a 38-0 lead in the third quarter, upset No. 10 Southern Cal.

Arkansas 26, Ohio State 24: In Irving, Texas, quarterback Greg Thomas gained 16 yards on 11 carries, with touchdowns of 4, 1 and 23 yards, to lead the No. 11 Razorbacks. It was the first time since 1964 that Southern Methodist, barred from a post-season game because of NCAA probation, had been shut out twice in a season; it opened with a 30-0 loss to Arizona State.

Washington 44, Washington State 23: In Pullman, Washington, quarterback Chris Chandler threw four touchdowns passes, three to Brian Statter and placekicker Jeff Jaeger set an NCAA field goal record with three successful kicks.

The Huskies' Jaeger's four-year field-goal total is 80, one more than the mark set last year by UCLA's John Lee.

Harvard 14, Yale 17: In Cambridge, Massachusetts, sophomore Tom Yole passed for George Sorocinski on touchdowns on plays of 10, 10 and 53 yards, rallying Harvard to victory in the 103rd renewal of the Ivy League rivalry.

Ohio State's Chris Carter outmaneuvered Erik Campbell for a first-point touchdown on Saturday, but a strong second half gave Michigan a 26-24 victory and a berth in the Rose Bowl.

## Tyson, With 2d-Round TKO of Beribek, Makes Heavyweight History

Mike Tyson, above right, became the youngest boxer ever to win a heavyweight boxing title by knocking Trevor Berbick down twice and stopping him at 2:35 of the second round Saturday night in Las Vegas to take the World Boxing Council crown. Tyson, who turned 20 at the end of June, dethroned Berbick with a night 19-second

knockout in the round and ended things with a left hook to the jaw (Berbick went down, got up and then toppled back to a neutral corner; the referee ruled he could not continue). Tyson improved to 28-0 with 26 knockouts. Berbick fell to 31-5-1. "I'm the youngest champion," commented Tyson, "and I'll be the oldest."

## Australia IV Group Sees Pressure Increasing

By Ruth Youngblood

**FREMANTLE, Australia** — The pared-down Australia IV campaign worsened the 12 challenger hopefuls' expectations for competition for the America's Cup, despite promises Saturday by experts that New Zealand will win the coveted prize.

With world-champion Australia III out of the defender's side, Warren Jones, executive director of Allen Bond's syndicate, said, "As from today, we are even more positive. Australia IV is our weapon, and Australia III is now the tool to make sure our weapon is as effective as possible."

While the top Boat Board underwent speed-enhancing modifications, a panel of experts picked New Zealand as most likely to wrest the oldest trophy in sports history from Perth.

With the final challenger round-robin races scheduled to begin Dec. 2, Jack Starck (skip-

## AMERICA'S CUP

per of Great in Australia's first cup challenge in 1970) warned the boat-race to expect increased pressure when the media are called to work participants in the semifinals Dec. 28.

With 65 points from 22 victories and only one loss, New Zealand's KZ2, the only flycatcher yacht, has 66 points. The New York Yacht Club's America II is second among challengers with 61 and Dennis Conner's Star II is third with 58 points.

The golden-hulled Kookaburra III is dominating the defender races, with 20 points after the first two rounds. Australia IV, the best Boat is depending on to defend the trophy he won in 1983, is second with only 20 points, one more than Kookaburra III.

The panel of experts — including 1983 win-

ning skipper John Bertrand, Canadian yacht designer Bruce Kirby, American tactician Gary Jobson — was particularly critical of Conner's absence during the breaks. The skipper is back home in San Diego dealing to business and fund-raising efforts.

"Though Conner is still clearly the most skilled and experienced helmsman in Fremantle," Kirby said, "his absence has been reflected in low ratings in the categories of motivation, team spirit and overall administration. This has been reflected in errors on the water."

The panel said the defender's need to the Kookaburra campaign and said the same fate that has befallen Conner has occurred with Australia IV. "Obviously, the new boys have no respect for the experience gained by Conner and Starck," Starck said, referring to the 1983 series when Bond's Australia II ended 132 years of U.S. domination of the sport.

## SCOREBOARD

## Hockey

## NHL Standings

**WALTON CONFERENCE**  
Pittsburgh 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 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